

**WHAT IS CLAIMED IS:**

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## CLAIMS

1. A method for frequency and channel assignment for sectors in a spread spectrum communications system, the method comprising:

modulating a message on a first synchronization channel transmitted on at least one first frequency from at least one sector; and

modulating the modified message on a second synchronization channel transmitted on at least one second frequency from the at least one sector.

2. The method as claimed in claim 1, wherein said modulating a message on a first synchronization channel transmitted on at least one first frequency from the at least one sector comprises:

modulating a Sync Channel Message on a first synchronization channel transmitted on at least one first frequency from the at least one sector.

3. The method as claimed in claim 1, wherein said modulating the modified message on a second synchronization channel transmitted on at least one second frequency from the at least one sector comprises:

modulating the modified Sync Channel Message on a second synchronization channel transmitted on at least one second frequency from the at least one sector.

4. The method as claimed in claim 1, wherein said modulating the modified message on a second synchronization channel transmitted on at least one second frequency from the at least one sector comprises:

deleting at least one field from the message.

5. A method for assigning a system access frequency to a subscriber station in a communication system operating in accordance with at least two standards, comprising:

determining a standard in accordance with which the subscriber station is capable of operation; and

assigning a system access frequency to the subscriber station in accordance with said determination.

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6. The method as claimed in claim 5, wherein said assigning a system access frequency to the subscriber station in accordance with said determination comprises:

assigning a first system access frequency to the subscriber station operating in accordance with a first standard; and

assigning a second system access frequency to the subscriber station operating in accordance with a second standard.

7. The method as claimed in claim 6, wherein said assigning a first system access frequency to the subscriber station operating in accordance with a first standard comprises:

assigning a first system access frequency to the subscriber station operating in accordance with an IS-2000 standard.

8. The method as claimed in claim 7, wherein said assigning a first system access frequency to the subscriber station operating in accordance with an IS-2000 standard comprises:

assigning a first frequency on which a first synchronization channel modulated by a message is transmitted.

9. The method as claimed in claim 8, wherein said assigning a first frequency on which a first synchronization channel modulated by a message is transmitted comprises:

assigning a first frequency on which a first synchronization channel modulated by a Sync Channel Message is transmitted.

10. The method as claimed in claim 6, wherein said assigning a second system access frequency to the subscriber station operating in accordance with a second standard comprises:

assigning a second system access frequency to the subscriber station operating in accordance with an IS-95 standard.

11. The method as claimed in claim 7, wherein said assigning a first system access frequency to the subscriber station operating in accordance with an IS-95 standard comprises:

assigning a second frequency on which a second synchronization channel modulated by a modified message is transmitted.

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12. The method as claimed in claim 11, wherein said assigning a first frequency on which a first synchronization channel modulated by a message is transmitted comprises:

assigning a first frequency on which a first synchronization channel modulated by a modified Sync Channel Message is transmitted.

13. The method as claimed in claim 11, wherein said assigning a first frequency on which a first synchronization channel modulated by a modified Sync Channel Message is transmitted comprises:

assigning a first frequency on which a first synchronization channel modulated by a Sync Channel Message from which at least one field was deleted is transmitted.

14. A method for enabling subscriber stations to process synchronization channel in a spread spectrum communications system, the method comprising:

modulating a message on a first synchronization channel transmitted on at least one first frequency from at least one sector;

modulating the modified message on a second synchronization channel transmitted on at least one second frequency from the at least one sector;

assigning the first frequency as a system access frequency to a subscriber station operating in accordance with a first standard; and

assigning the second frequency as a system access frequency to a subscriber station operating in accordance with a second standard.

15. The method as claimed in claim 14, wherein said modulating the modified message on a second synchronization channel transmitted on at least one second frequency from the at least one sector comprises:

deleting at least one field from the message.

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